

Ming Wang

Ph.D. Candidate in Artificial Intelligence

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SUMMARY

PhD candidate at Northeastern University, where Professor Daling Wang supervises him. He is currently a visiting graduate research student (PhD) at Singapore Management University, where Professor Ee-Peng Lim and Fiona Nah supervises him. The main research interests are *AI for Psychology and Mental Health*, the *Safety and Interpretability of AI*. He is now working on **Machine Psychology** and **LLM-based Generative Agents**.

Education

Visiting Ph.D. / Sep 2025 - Present

Computer Science

Singapore Management University - Singapore

Ph.D. / Sep 2022 - Present

Computer Science

Northeastern University - Shenyang, China

M.S. / Sep 2020 - June 2022

Computer Science

Northeastern University - Shenyang, China

B.S. / Sep 2016 - June 2020

Computer Science

Harbin Engineering University - Harbin, China

Publications

T-COL: generating counterfactual explanations for general user preferences on variable machine learning systems

Ming Wang, Daling Wang, Wenfang Wu, Shi Feng, Yifei Zhang, *Journal of Artificial Intelligence Research*, 2025.

AnnaAgent: Dynamic Evolution Agent System with Multi-Session Memory for Realistic Seeker Simulation

Ming Wang, Peidong Wang, Lin Wu, Xiaocui Yang, Daling Wang, et al., *Findings of ACL: ACL*, 2025.

Generative Link Tree: A Counterfactual Explanation Generation Approach with High Data Fidelity

Ming Wang, Wenfang Wu, Daling Wang, Shi Feng, Yifei Zhang, *Computer Science*, 2022.

FEEL: a framework for evaluating emotional support capability with large language models

Huaiwen Zhang, Yu Chen, **Ming Wang**, Shi Feng, *International Conference on Intelligent Computing*, 2024.

LLM-Based Empathetic Response Through Psychologist-Agent Debate

Yijie Wu, Shi Feng, **Ming Wang**, Daling Wang, Yifei Zhang, *Asia-Pacific Web (APWeb) and Web-Age Information Management (WAIM) Joint International Conference on Web and Big Data*, 2024.

Sentiment Triplet Extraction with Multi-view Contrastive Learning

Wenfang Wu, Daling Wang, **Ming Wang**, Shi Feng, Yifei Zhang, *IEEE Transactions on Affective Computing*, 2024.

Is mamba effective for time series forecasting?

Zihan Wang, Fanheng Kong, Shi Feng, **Ming Wang**, Xi-

aocui Yang, et al., *Neurocomputing*, 2024.

MM-InstructEval: Zero-Shot Evaluation of (Multi-modal) Large Language Models on Multimodal Reasoning Tasks

Xiaocui Yang, Wenfang Wu, Shi Feng, **Ming Wang**, Daling Wang, et al., *Information Fusion*, 2025.

Minstrel: Structural Prompt Generation with Multi-Agents Coordination for Non-AI Experts

Ming Wang, Yuanzhong Liu, Xiaoyu Liang, Yijie Huang, Daling Wang, et al., *arXiv*, 2024.

Exchanges & Internships

Co-Builder / Jul 2023 - Present

LangGPT Community, Online

The first author of the paper, hosting the design of Minstrel, a structural prompt generation tool.

Lecturer / June 2024 - Sep 2024

InternLM Camp, Online

Lecture on theoretical and practical contents related to prompt engineering and design of InternLM based Who is the Spy game.

Summer Student / Oct 2023

iFLYTEK, Hefei

Member of the first Spark Camp, Organizing the Large Language Model Judicial Aptitude Test. Develop a civil pleading generation tool based on the Spark Model.

Recent Awards

Most Popular Poster

The Fifth Chinese Conference on Affective Computing
July 2025, Chengdu

Second Prize

Challenge of AI in Law
Dec. 2024, Beijing

Extracurricular Activities

- **Peer Psychological Counselor** at Yunqi Studio, Northeastern University.
- **Tutor** of Harbin Engineering University's "Confluence - Class Aid One" program.
- **Outstanding Doctoral Science and Technology Tutor** of Northeastern University Branch Camp of the National College Science Camp.